

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	407	bernasconi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:19
L2	10	(pietro with bernasconi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:20
L3	0	("2004/0264857").URPN.	USPAT	OR	ON	2005/05/11 14:20
L4	27	("AWG" or (arrayed with waveguide\$1 with grating\$1)) and (angl\$4 with spread\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 14:21
L5	488	("AWG" or (arrayed with waveguide\$1 with grating\$1)) and (angl\$4 with (distance\$1 or incident))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 14:28
L6	479	L5 not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 14:28
L7	0	("2004/0264857").URPN.	USPAT	OR	ON	2005/05/11 14:51

S1	99	("6061157" "6097518" "6205273" "6229938" "6256431" "6298186" "6301409" "6366378" "6507680" "6539150" "6570874" "6603892" "6643463" "6671430" "6678446" "6697552" "6718140" "6735358" "6738545" "6766074" "6768827" "6768841" "6788854" "6795600" "6829401" "6832048" "6839492" "5410670" "5469129" "5479291" "5737459" "6347169" "6597841" "4542443" "4797662" "5198992" "5446914" "5483208" "5513370" "5745612" "6006008" "6122158" "6163393" "6169838" "6185175" "6185594" "6188818" "6188819" "6201904" "6208444").pn. ("6226428" "6226428" "6232759" "6278813" "6289147" "6304687" "6332055" "6339664" "6348785" "6421152" "6424760" "6438292" "6442308" "6449411" "6453087" "6473546" "6490395" "6496616" "6512615" "6522811" "6526199" "6529660" "6538782" "6563988" "6564350" "6574397" "6577438" "6584270" "6591205" "6608721" "6633703" "6643427" "6665466" "6684009" "6687868" "6697553" "6701043" "6714702" "6724153" "6728442" "6735363" "6741813" "6768842" "6785442" "6787868" "6788848" "6795631" "6798948" "6807354" "6810167").pn.	USPAT	OR	OFF	2005/01/13 08:59
S2	1	("6381383").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/13 08:35
S3	1	("6549698").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/13 08:35
S4	1	("6381383").URPN.	USPAT	OR	OFF	2005/01/13 08:58
S5	1	("6181849").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/13 08:58
S6	1	("6549698").URPN.	USPAT	OR	OFF	2005/01/13 08:58
S7	2	("6181849"   "6351583").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/13 08:58
S8	1	("AWG" or (arrayed with waveguide\$1 with grating\$1)) same (angl\$4 with (spread\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:32

S9	6	("AWG" or (arrayed with waveguide\$1 with grating\$1)) and ((angl\$4 with (spread\$1)) same output\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 14:21
S10	168	("AWG" or (arrayed with waveguide\$1 with grating\$1)) and ((angl\$4 with (distance\$1 or incident)) same output\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 14:28
S11	131	("AWG" or (arrayed with waveguide\$1 with grating\$1)) and ((angl\$4 with (distance\$1 or spac\$4)) same output\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:46
S12	131	S11 and ((angl\$4 with (distance\$1 or spac\$4)) same output\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:46
S13	75	S10 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 10:37
S14	0	("2002/0089721").URPN.	USPAT	OR	OFF	2005/01/13 10:40
S15	1	("6678446").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/13 10:40
S16	8	("20020057875"   "5136671"   "5845022"   "6058233"   "6381383"   "6389201"   "6512864"   "6549698").PN. OR ("6678446").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/13 10:41
S17	14	("5136671"   "5822481").PN. OR ("6058233").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/13 10:45
S18	12	("5212758"   "5396507"   "5412744").PN. OR ("5822481").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/13 10:46

S19	29	(US-20020118914-\$ or US-20030063858-\$ or US-20020089721-\$ or US-20020118912-\$).did. or (US-6381383-\$ or US-6549698-\$ or US-6678446-\$ or US-6181849-\$ or US-6351583-\$ or US-5745612-\$ or US-6188818-\$ or US-6205273-\$ or US-6278813-\$ or US-6366378-\$ or US-6424760-\$ or US-6473546-\$ or US-6490395-\$ or US-6574397-\$ or US-6597841-\$ or US-6665466-\$ or US-6697553-\$ or US-6768842-\$ or US-6810167-\$ or US-6229943-\$ or US-6810177-\$ or US-6058233-\$ or US-5136671-\$ or US-5822481-\$).did. or (US-6678446-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/01/13 13:06
S20	3	S19 and (even\$3 with space\$1 with wavelength\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:09
S21	3	S19 and (even\$3 with frequency with wavelength\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:09

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

**Search Results****BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "( arrayed waveguide grating&lt;in&gt;metadata ) &lt;and&gt; ( angular spread&lt;in&gt;metadata )"



Your search matched 0 of 1157693 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[» View Session History](#)[» New Search](#)[» Key](#)**Modify Search**

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract**No results were found.**

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revisir

indexed by  
[Help](#) [Contact Us](#) [Privacy & :](#)

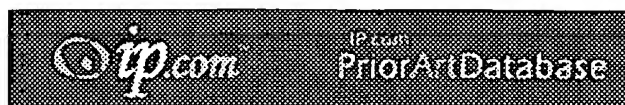
© Copyright 2005 IEEE -

[Log In](#) [Log Out](#)[Home](#) [Advanced Search](#) [Search Results](#) [Help Center](#)

There are **0** match(es) in **0** book(s) found for **(arrayed waveguide grating) AND (angular spread)**

**Book****Results****Rank Dat**

Copyright © 2004 Knovel Corporation



May 11, 2005

USPTO

**Search**

Full Text
Concept
Document ID
Recent Disclosures

**Publish**

Publish Disclosure
--------------------

**My IP.com**

Manage Account
Prior Purchases
Prior Disclosures
Events
Main Page
Support
Logout

**Fingerprint Lookup**

<input type="text"/>
<input type="button" value="Lookup"/>

**No records matched your search.**

Perhaps you should try a less restrictive query.

**Search query:** arrayed waveguide grating AND angular spread[New search](#) | [Modify this search](#)

Copyright © 2005 IP.com, Inc. All rights reserved. |



[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [sign in](#) | [sign out](#)

[SPIE Digital Library](#)

[Proceedings](#)

[Journals](#)

**SPIE—The International  
Society for Optical Engineering**

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Article Collections](#)

[Home](#) » [Advanced Search](#) » [Search Results](#)

SEARCH DIGITAL LIBRARY

☒ Digital SPIE Papers

☐ All SPIE Papers

**Search**

[Advanced Search](#)

[\[Start New Search | Searching Hints\]](#)

**You were searching for : ((arrayed waveguide grating) <and>(angular spread))**

**No documents found for your query.**

#### BROWSE PROCEEDINGS

##### ❖ Proceedings

- ❖ By Year
- ❖ By Symposium
- ❖ By Volume No.
- ❖ By Volume Title
- ❖ By Technology

#### BROWSE JOURNALS

##### ❖ Journals

- ❖ Optical Engineering
- ❖ J. Electronic Imaging
- ❖ J. Biomedical Optics
- ❖ J. Microlithography,  
Microfabrication,  
and Microsystems

#### SUBSCRIPTIONS & PRICING

- ❖ Institutions &  
Corporations
- ❖ Personal  
subscriptions

[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 - 2005



The International Society  
for Optical Engineering

#### GENERAL INFORMATION

- ❖ About the Digital  
Library
- ❖ Terms of Use
- ❖ SPIE Home